



ILLINOIS ENVIRONMENT PROTECTION AGENCY

MEMORANDUM

JLD 980677611

DATE: January 9, 1986

TO: Division File

FROM: E. Lin, DLPC/FOS, Maywood

SUBJECT: 0311650002 - Cook County - Lincolnwood/Creative Printing Service
(AKA - Grind-Rite Grinding)
Superfund/PA/SI

As requested by U.S.E.P.A., I visited the Creative Printing Service on December 13, 1985. The purpose of this visit was to find out how did the facility handle their used mats soaked with spent ink/solvent mixture. The mats were used to clean the printing machine when the color was changed. The solvent was also used to help remove the inks left on the printing machine. The used mats were put into a 30 gal. metal container. The mat supplier - North Side Cleaner - picks up the used mats every week. Creative Printing Service has no idea about the mat recycling process. North Side Cleaner is located at 5427 Broadway, Chicago, Ill. 60640, Tel. 312/561-1000.

The MSDS for the solvents used by Creative Printing Service are also enclosed.

At the time of the visit two more printing machines were being installed.

EL:pgb

cc: Northern Region
Terry Ayers
Gladys Watts, U.S.E.P.A.

EPA Region 5 Records Ctr.



327924

MATERIAL SAFETY DATA SHEET
TECHNICAL PETROLEUM COMPANY
6233 N. Pulaski Road - Chicago, IL. 60646

PRODUCT NAME: ROLLER WASH

Emergency Telephone#: 800/424-9300
Information Telephone#: 312/463-5200

Revision Date: 11/85
Product Number: 72000

I. IDENTIFICATION

CHEMICAL NAME: N/A

CHEMICAL FAMILY: Hydrocarbon Mixture

FORMULA: N/A

MOLECULAR WEIGHT: N/A

SYNONYMS: N/A

DEPT. OF HAZARD CLASSIFICATION: Flammable Liquid

TRANSPORTATION/ SHIPPING NAME: Flammable Liquid, N.O.S.

CHEMICAL ABSTRACT REGISTRY NUMBER: 64742-48-9

IDENTIFICATION NUMBER: UN 1993

H.M.I.S. RATINGS: 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe

HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0

II. PHYSICAL DATA

BOILING POINT RANGE: 250 - 300 F.

FREEZING POINT: N/A

SPECIFIC GRAVITY (H₂O = 1): Lighter than Water (.754)

VAPOR PRESSURE at 20C: N/A

VAPOR DENSITY (air=1): Heavier than Air

SOLUBILITY IN WATER, % by wt.: Negligible

PERCENT VOLATILES BY VOLUME: 100

EVAPORATION RATE: Slower than Ether

WEIGHT PER GALLON: 6.3 lbs.

APPEARANCE AND ODOR: This product is clear, has little if any color and has a characteristic odor.

III. HAZARDOUS INGREDIENTS

| MATERIAL | % | ILV (Units) | HAZARD |
|--------------|---|-------------|--------|
| VM&P Naphtha | | 300 | |

IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMIT IN AIR % BY VOLUME: LOWER- 1.0 UPPER- 6.0

FLASH POINT (TEST METHOD): 50 F. Typical Tag Closed Cup

EXTINGUISHING MEDIA: Use foam, CO₂, or dry chemical fire fighting apparatus.

SPECIAL FIRE FIGHTING PROCEDURES: The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.

UNUSUAL FIRE & EXPLOSION HAZARDS: Keep work areas free of hot metal surfaces and other sources of ignition.

PRODUCT: ROLLER WASH

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V. REACTIVITY DATA

STABILITY: STABLE- X UNSTABLE-

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): This product is incompatible with strong oxidizing agents, strong acids or bases and selected amines.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: MAY OCCUR- WILL NOT OCCUR- X

CONDITIONS TO AVOID: None

VI. HEALTH HAZARD DATA

TLV AND SOURCE: ACGIH

* ACUTE EFFECTS OF OVEREXPOSURE *

INGESTION(SWALLOWING): See First Aid Procedures

INHALATION: See First Aid Procedures

SKIN: This product may cause skin irritation upon prolonged or repeated contact.

EYE: This product may be an eye irritation.

SYSTEMIC EFFECTS: Various studies have shown a possible association with exposure to this product and the following: Central nervous system depression in high concentrations.

* EMERGENCY AND FIRST AID PROCEDURES *

SWALLOWING: If this product is swallowed, DO NOT induce vomiting. Seek immediate medical advice and/or attention.

SKIN: If this product comes in contact with the skin, wash with soap and large quantities of water.

INHALATION: If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If victim experiences continued breathing difficulties, administer oxygen until medical assistance can be rendered. If breathing stops, begin artificial respiration and seek immediate medical attention.

EYES: If this product comes in contact with the eyes, flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

NOTES TO PHYSICIAN: See above.

VII. SPILL OR LEAK PROCEDURES

(HIGHWAY OR RAILWAY SPILLS: CALL CHEMTREC 800/424-9300)

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Keep sources of ignition and hot metal surfaces isolated from the spill. Flush spilled material into suitable retaining area or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbant.

REPORTABLE QUANTITY: Notify Coast Guard National Response Center; Phone 800/424-8802, if Spill is Greater than -- lbs (Kilograms)

WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state, and federal regulations.

PRODUCT: ROLLER WASH

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VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): The use of respiratory protection depends on vapor concentration above the time-weighted TLV; use a NIOSH approved cartridge respirator or gas mask.

VENTILATION: General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory masks or environmental containment devices, may be required in extreme cases.

PROTECTIVE GLOVES: The use of impermeable gloves is advised to prevent skin irritation in sensitive individuals.

EYE PROTECTION: Safety glasses, chemical goggles, and/or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

OTHER PROTECTIVE EQUIPMENT: Impermeable aprons are advised when working with this product. The availability of eye washes and safety showers in work areas is recommended.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. (See Section VIII)

OTHER PRECAUTIONS: Personnel should avoid inhalation of vapors. (See Sections III, V, VI, VII) Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected areas with water. (See Sections VI, VII, VIII)

WARNING STATEMENT: Warning Flammable. DO NOT induce vomiting if swallowed. FOR INDUSTRIAL USE ONLY.

WE ARE UNABLE TO MAKE ANY STATEMENT ABOUT ANY PRODUCT CONTAINING NO POLYNUCLEAR AROMATICS AT THIS TIME. HOWEVER, THE BOILING RANGE OF PNA IS BETWEEN 700 F. AND 900 F. WHICH WOULD ELIMINATE PRODUCTS BELOW THAT RANGE REQUIRING CARCINOGENIC LABELING.

The opinions expressed herein are those of qualified experts within Technical Petroleum Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Technical Petroleum Company, it is the user's obligation to determine the conditions of safe use of the product.

MATERIAL SAFETY DATA SHEET

NPVLA 6-70

(Approved by U.S. Department of Labor "Essentially Similar" to Form L5B-006-4)

Section I

MANUFACTURER'S NAME

The GRAFSOLVE COMPANY

STREET ADDRESS

6911 North Avers Street

CITY, STATE, AND ZIP CODE

Chicago, Illinois, 60645

EMERGENCY TELEPHONE NO.

(312) 677 5537

CHEMICAL NAME AND SYNONYMS

Not Applicable

TRADE NAME

ROLLER WASH Step #2

CHEMICAL FAMILY

Petroleum Hydrocarbon Fraction

FORMULA

Section II—HAZARDOUS INGREDIENTS**PAINTS, PRESERVATIVES, & SOLVENTS**

| COMPONENTS | % | TLV (Units) | SOLVENTS | % | TLV (Units) |
|------------|---|----------------|------------------------|---|----------------|
| | | | Aliphatic Hydrocarbons | | 500ppm |
| CATALYST | | | ADDITIVES | | |
| ADJUVANT | | | OTHERS | | |

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

Generally classified as "Relatively Non-Toxic"

Section III—PHYSICAL DATA

| | | | |
|------------------------------------|------------------------|---------------------------------------|-------|
| BOILING POINT (°F) | 310° F | SPECIFIC GRAVITY (H ₂ O=1) | 0.767 |
| VAPOR PRESSURE (mm Hg) | 2.0mm HG @68F | PERCENT VOLATILE BY VOLUME (%) | 100% |
| WATER DENSITY (H ₂ O=1) | 4.7 | EVAPORATION RATE (TOLUENE=1) | 0.12 |
| SOLUBILITY IN WATER | Negligible | | |
| APPEARANCE AND ODOR | Clear, nearly odorless | | |

Section IV—FIRE AND EXPLOSION HAZARD DATA

| | | | | |
|------------------------------------|---|------------------|-----|-----|
| FLASH POINT (METHOD USED) | 104° F TCC | FLAMMABLE LIMITS | LEL | UEL |
| EXTINGUISHING MEDIA | Water Spray - Co2 - Foam - Dry Chemical | | | |
| SPECIAL FIRE FIGHTING PROCEDURES | NONE | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | NONE | | | |

Section V—HEALTH HAZARD DATA

| | |
|------------------------------------|--|
| THRESHOLD LIMIT VALUE | 500 |
| EFFECTS OF OVEREXPOSURE | Severe eye irritation, drying of skin. Excessive inhalation causes headache, dizziness and nausea |
| EMERGENCY AND FIRST AID PROCEDURES | Eye contact: Flush with water. Skin Contact: Wash with mild soap water and apply skin cream. Inhalation: Remove to fresh air and call a physician. Apply artificial respiration, if necessary. |

Section VI—REACTIVITY DATA

| | | | |
|--------------------------------------|---|---|------------------------------------|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | x | Heat, sparks, open flame and fire. |
| INCOMPATIBILITY (Materials to avoid) | Strong oxidizing agents. | | |
| HAZARDOUS DECOMPOSITION PRODUCTS | Thermal decomposition may yield carbon monoxide | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR | x | |

Section VII—SPILL OR LEAK PROCEDURES

| | |
|---|---|
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED | Flush with water into retaining area or container. Avoid exposure to sparks, fire or hot metal surface. |
| WASTE DISPOSAL METHOD | Incinerate under safe conditions or dispose of in accordance with local, state and federal regulations. |

Section VIII—SPECIAL PROTECTION INFORMATION

| | | |
|---------------------------------------|---|--------------------|
| RESPIRATORY PROTECTION (Specify type) | Self contained breathing apparatus for concentrations above TLV 11m | |
| VENTILATION | LOCAL EXHAUST Yes | SPECIAL |
| | MECHANICAL (General) | OTHER |
| PROTECTIVE GLOVES | Yes | EYE PROTECTION Yes |
| OTHER PROTECTIVE EQUIPMENT | Eye bath and safety shower | |

Section IX—SPECIAL PRECAUTIONS

| | |
|---|---|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING | Keep away from heat, sparks and open flame. Use with adequate ventilation. Avoid prolonged or repeated contact with the skin. |
| OTHER PRECAUTIONS | |

MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSH-005-4)

NPVLA 6-70

Section I

MANUFACTURER'S NAME

THE GRAFSOLVE COMPANY

STREET ADDRESS

6911 North Avers Street

CITY, STATE, AND ZIP CODE

Chicago, Illinois 60645

TELEPHONE NO.

(312) 677 5537

CHEMICAL NAME AND SYNONYMS

TRADE NAME

GRAFSOLVE Step # 1

CHEMICAL FAMILY

Petroleum Hydrocarbon Emulsion

FORMULA

Section II—HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS

| PIGMENTS | % | TLV (Units) | SOLVENTS | % | TLV (Units) |
|----------|---|----------------|-------------------------------|-------|----------------|
| | | | Aliphatic Hydrocarbon | 60-80 | 500ppm |
| CATALYST | | | ADDITIVES | | |
| | | | Surfactant ORLD 50 2700 mg/Kg | | Rat |
| | | | Surfactant ORLD 50 4290 mg/Kg | | Rat |
| VEHICLE | | | OTHERS | | |

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

Generally classified: Relatively Non-Toxic

Section III—PHYSICAL DATA

| | | | |
|------------------------|------------------------|---------------------------------------|-------------|
| BOILING POINT (°F) | 400 °F | SPECIFIC GRAVITY (H ₂ O=1) | 0.842 0.847 |
| VAPOR PRESSURE (mm Hg) | 0.5 mm Hg @ 68 F | PERCENT VOLATILE BY VOLUME (%) | over 80% |
| VAPOR DENSITY (AIR=1) | Not applicable | EVAPORATION RATE (.....=1) | N/A |
| SOLUBILITY IN WATER | 10% | | |
| APPEARANCE AND ODOR | Cloudy/low color level | | |

Section IV—FIRE AND EXPLOSION HAZARD DATA

| | | | | |
|------------------------------------|----------------------------------|------------------|----|----|
| FLASH POINT (METHOD USED) | 142° F TCC | FLAMMABLE LIMITS | LM | UM |
| EXTINGUISHING MEDIA | Water spray C _{o2} Foam | Dry Chemical | | |
| SPECIAL FIRE FIGHTING PROCEDURES | | NONE | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | | NONE | | |

Section V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

200

EFFECTS OF OVEREXPOSURE

Severe eye irritation, drying of skin, excessive inhalation can cause headache, dizziness and nausea.

EMERGENCY AND FIRST AID PROCEDURES

Eye contact: flush with water. Skin contact: wash with mild soap and water and apply skin cream. Inhalation: Remove to fresh air and call physician. Apply artificial respiration, if necessary.

Section VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Heat, sparks, open flame

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may yield carbon monoxide

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with water into retaining area or container

Avoid exposure to sparks, fire or hot metal surfaces.

WASTE DISPOSAL METHOD

Incinerate under safe conditions or dispose of in accordance with local, state or federal regulations.

Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Self contained breathing apparatus for concentrations above TLV limits

VENTILATION

LOCAL EXHAUST

X

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Yes

EYE PROTECTION

Safety goggles

OTHER PROTECTIVE EQUIPMENT

Eye bath and safety shower

Section IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks and open flame.

Use with adequate ventilation and avoid prolonged or repeated contact with skin.

OTHER PRECAUTIONS

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

11/19/85

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

| | | |
|--|-----------------------|--|
| MANUFACTURER'S NAME Rosos Litho Supply Corp. | | EMERGENCY TELEPHONE NO. 312/295-1331 |
| ADDRESS (Number, Street, City, State, and ZIP Code) 990 North Shore Dr. Lake Bluff, IL 60044 | | |
| CHEMICAL NAME AND SYNONYMS N/A | | TRADE NAME AND SYNONYMS G7A-V-Comb. |
| CHEMICAL FAMILY N/A | FORMULA N/A | |

SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (Units) | ALLOYS AND METALLIC COATINGS | % | TLV (Units) |
|---|---|-------------|---|---|-------------|
| PIGMENTS N/A | | | BASE METAL N/A | | |
| CATALYST N/A | | | ALLOYS N/A | | |
| VEHICLE N/A | | | METALLIC COATINGS N/A | | |
| SOLVENTS N/A | | | FILLER METAL PLUS COATING OR CORE FLUX N/A | | |
| ADDITIVES N/A | | | OTHERS N/A | | |
| OTHERS N/A | | | | | |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | | | | % | TLV (Units) |
| | | | | | |
| | | | | | |
| N/A | | | | | |
| | | | | | |

SECTION III - PHYSICAL DATA

| | | | | | |
|-------------------------|------------|--------|---------------------------------------|-----------------|-----|
| BOILING POINT (°F.) | Range | 220° F | SPECIFIC GRAVITY (H ₂ O=1) | Approx. | 10 |
| VAPOR PRESSURE (mm Hg.) | Less than | 1 | PERCENT, VOLATILE BY VOLUME (%) | Approx. | 80% |
| VAPOR DENSITY (AIR=1) | Heavier vs | Air | EVAPORATION RATE (_____ =1) | Slower vs Ether | |
| SOLUBILITY IN WATER | Complete | 100 % | | | |
| APPEARANCE AND ODOR | Blue/Faint | | | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | | |
|------------------------------------|---------------|------------------|-----|-----|
| FLASH POINT (Method used) | Non-Flammable | FLAMMABLE LIMITS | Lel | Uel |
| EXTINGUISHING MEDIA | N/A | N/A | | |
| SPECIAL FIRE FIGHTING PROCEDURES | N/A | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | N/A | | | |

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
Non-Hazardous

EFFECTS OF OVEREXPOSURE
None

EMERGENCY AND FIRST AID PROCEDURES

If splashed in eyes, irrigate with water.

SECTION VI - REACTIVITY DATA

| | | | |
|-----------|----------|---|---------------------|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | X | None |

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

| | | | |
|-----------------------------|----------------|--|---------------------|
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR | | None |

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Normal mop up.

WASTE DISPOSAL METHOD Same procedure as normal for removing waste ink or wash up solutions.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None

| | | |
|-------------|----------------------|---------|
| VENTILATION | LOCAL EXHAUST | SPECIAL |
| | MECHANICAL (General) | OTHER |
| | None | N/A |
| | | N/A |

| | |
|-------------------|----------------|
| PROTECTIVE GLOVES | EYE PROTECTION |
| N/A | None |

OTHER PROTECTIVE EQUIPMENT N/A

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

None

OTHER PRECAUTIONS



LITHO SYSTEMS

A Division of RBP Chemical Corporation • 150 S. 118th St. • P.O. Box 14069 • Milwaukee, WI 53214 • Phone 414-258-0911 • TWX 910-262-3357

MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Product Name: Petro Gum

Generic Description: Lithographic Gum/Asphaltum Emulsion

Precautionary Labeling:

WARNING! Causes Irritation. CAUTION! Combustible. Avoid contact with eyes and skin. Avoid breathing vapor. Wash thoroughly after handling. Keep away from heat and flame. First Aid: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. Flush skin with water.

| | | |
|-----------------------------------|---------------------------------|----------------|
| D.O.T. Name | D.O.T. Hazard Classification | Flash Point |
| Combustible liquid NOS NA 1993 | Combustible liquid | 126°F |

II. HAZARDOUS INGREDIENTS AND ASSOCIATED EFFECTS

KEROSENE: (C.A.S. #8008-20-6) (DOT-Combustible Liquid) (Oral-(rat or rbt.) LD50=28g/kg) (Flash pt.=120-130°F) Very low hazard via oral route. Inhalation of high concentrations of vapor can cause headache and stupor. Ingestion causes irritation of the stomach and intestines. Criteria document: occupational exposure to refined petroleum solvents (recm std-air) TWA 100mg/m3. Formula percentage = <3.5%.

A BLEND OF AROMATIC AND ALIPHATIC SOLVENTS: (C.A.S. #MIXTURE) This mixture contains: AL60 MINERAL SPIRITS (C.A.S. #64742-88-7) and solvent 100 (C.A.S. #64741-98-6) and XYLOL (C.A.S. #108-38-3). (Flash pt. = 80°F) (DOT-Flammable liquid) (TLV=184ppm) Inhalation of vapors might affect the central nervous system and cause respiratory irritation. Overexposure could cause damage to liver, kidney, and mucous membranes of the lungs. Formula percentage = <2.5%.

III. EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with plenty of water for at least 15 minutes. Call a physician.
Skin: Wash thoroughly with soap and water.
Ingestion: Induce vomiting. Call a physician.
Inhalation: Remove to fresh air. Treat symptomatically. Call a physician.

IV. SPECIAL PROTECTION INFORMATION:

Protective Gloves: Plastic (PVC) or Rubber
Respiratory Protection: Adequate ventilation
Eye Protection: Safety glasses or chemical goggles
Other: None

Ventilation:
Local Exhaust _____ Mechanical X Special _____

V. PHYSICAL DATA

Boiling Point Not established Solubility in Water: Partial
Specific Gravity 1.074 Appearance and Odor: Dark, brown
% Volatiles (by Vol.) 73% emulsion with tar-like smell

VI. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 126°F
Extinguishing Media: Remove ignition source
Special Fire Fighting Procedures: Wear self-contained breathing apparatus
Unusual Fire and Explosion Hazards: None
NOTE: Petro Gum will not support combustion

VII. REACTIVITY DATA

Stability: Stable X Unstable _____
Conditions to Avoid: None
Incompatibility: None

Hazardous Decomposition Products: Carbon dioxide if burned with insufficient air

VIII. SPECIAL HANDLING AND STORAGE CONDITIONS

Store in cool place. Use with adequate ventilation.

IX. SPILL, LEAK, AND DISPOSAL TECHNIQUES

| | |
|---|---|
| Steps to be taken if the material is released or spilled. | Soak up with suitable absorbent and hold for disposal. Flush area thoroughly with water. |
| Waste Disposal Techniques | Liquid incineration or absorbent disposal according to local, state and federal regulations. |

Prepared by

Wayne K. King

Date

October 28, 1985

NOTE: The information contained herein is furnished without warranty of any kind. Users should consider this data a supplement to other information gathered by them and are responsible for completeness of information to assure proper use of these materials and the safety and health of their employees and customers.



LITHO SYSTEMS

A Division of RBP Chemical Corporation • 150 S. 118th St. • P.O. Box 14069 • Milwaukee, WI 53214 • Phone 414-258-0911 • TWX 910-262-3357

1-800-558-0747

MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Product Name: Blanket Conditioner

Chemical Family: Lithographic Press Blanket Wash

Precautionary Labeling:

Warning! Causes irritation. Caution! Combustible. Avoid contact with eyes and skin. Avoid breathing vapor. Keep away from heat and flame. First Aid: in case of contact, flush eyes with plenty of water for at least 15 minutes. Call a physician. Flush skin with water.

| D.O.T. Name | D.O.T. Hazard Classification | Flash Point |
|--------------------------|---------------------------------|----------------|
| Ethyl 3-ethoxypropionate | Combustible liquid | 107°F(TCC) |

II. HAZARDOUS INGREDIENTS AND ASSOCIATED EFFECTS

Ethyl 3-ethoxypropionate: (C.A.S. #763-69-9) (TLV-None Established) (F.Pt. 136° F TCC) (B.Pt. 329° F) (LD50 oral-rat>3200 mg/Kg) DOT: Combustible Liquid. Vapors at high concentrations are irritating to eyes, nose and respiratory tract. All skin contact should be avoided. Formula Percentage = 99%.

RBP CHEMICAL CORPORATION
Graphex Division

Blanket Conditioner

III. EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with plenty of water for at least 15 minutes.

SKIN: Flush skin with plenty of water.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. Call physician for any of the above conditions, if discomfort persists.

IV. SPECIAL PROTECTION INFORMATION:

Protective Gloves: Rubber

Respiratory Protection: Self-contained breathing apparatus in high concentrations.

Eye Protection: Chemical goggles or safety glasses

Other: Eye bath

Ventilation:

Local Exhaust X Mechanical Special

V. PHYSICAL DATA

Boiling Point N/A

Specific Gravity 0.949

% Volatiles (by Vol.) 100

Solubility in Water: Partially

Appearance and Odor: Colorless liquid -
mild ester odor

VI. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 107°F (TCC)

Extinguishing Media: CO₂, foam or dry chemical

Special Fire Fighting Procedures: Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: NONE

VII. REACTIVITY DATA

Stability: Stable X Unstable

Conditions to Avoid: Heat & Flame

Incompatibility: Alkali metal hydroxides (example: sodium hydroxide)

Hazardous Decomposition Products: None

VIII. SPECIAL HANDLING AND STORAGE CONDITIONS

Use with adequate ventilation. Skin contact should be avoided, especially for women of child-bearing potential.

IX. SPILL, LEAK, AND DISPOSAL TECHNIQUES

| | |
|---|---|
| Steps to be taken if the material is released or spilled. | Small spills: flush with large quantities of water. Large spills: Collect with suitable absorbent or dilute with water and pump to salvage tank. |
| Waste Disposal Techniques | Liquid absorbent disposal or liquid incineration where permitted under appropriate Federal, State, or local regulations. |

Prepared by

Michael Mohr

Date

9/6/85

NOTE: The information contained herein is furnished without warranty of any kind. Users should consider this data a supplement to other information gathered by them and are responsible for completeness of information to assure proper use of these materials and the safety and health of their employees and customers.

1 MATERIAL SAFETY DATA SHEET
TECHNICAL PETROLEUM COMPANY
6233 N. Pulaski Road - Chicago, IL. 60646

PRODUCT NAME: ACETONE

Emergency Telephone#: 800/424-9300
Information Telephone#: 312/463-5200

Revision Date: 11/85
Product Number: 21400

I. IDENTIFICATION

CHEMICAL NAME: Acetone
FORMULA: CH3COCH3
SYNONYMS: Dimethyl Ketone, 2-Propanone, Dimethyl Ketal
DEPT. OF HAZARD CLASSIFICATION: Flammable liquid
TRANSPORTATION/ SHIPPING NAME: Acetone
CHEMICAL ABSTRACT REGISTRY NUMBER: 67-64-1
CHEMICAL ABSTRACT NAME: 2-Propanone
IDENTIFICATION NUMBER: UN 1090
H.M.I.S. RATINGS: 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe
HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0

II. PHYSICAL DATA

BOILING POINT, 760 mm Hg 101.325 kPa: 56.29 C (133.32F)
SPECIFIC GRAVITY(H2O=1): 0.7915 at 20/20
FREEZING POINT: -96.54C (-141.77F)
VAPOR PRESSURE at 20C: 184 mm Hg
VAPOR DENSITY(air=1): 2.0
SOLUBILITY IN WATER, % by wt.: Complete
PERCENT VOLATILES BY VOLUME: 100
EVAPORATION RATE (Butyl Acetate = 1): 14.4
WEIGHT PER GALLON: 6.61 lbs.
APPEARANCE AND ODOR: Clear liquid; sharp, penetrating, non-residual odor.

III. HAZARDOUS INGREDIENTS

| MATERIAL | % | TLV(Units) | HAZARD |
|----------|-----|--------------------------------|---------------------|
| Acetone | 100 | 750 ppm ACGIH 1000 ppm OSHA | Flammable; irritant |

IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMIT IN AIR % BY VOLUME: LOWER- 2.15 UPPER- 13.0
FLASH POINT (TEST METHOD): OF, Tag Closed Cup; 4F, Tag Open Cup
EXTINGUISHING MEDIA: Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturer's recommended techniques.
SPECIAL FIRE FIGHTING PROCEDURES: Use supplied breathing air and protective clothing.
UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors form from this product and may travel or move by air currents and ignited by pilot lights, other flames, smoke, sparks, heaters, electrical equipment, static discharges, or other ignition sources at locations distant from handling point.

PRODUCT: ACETONE

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V. REACTIVITY DATA

STABILITY: STABLE- X UNSTABLE-

CONDITIONS TO AVOID: Ignition sources

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents (such as nitric acid)

HAZARDOUS COMBUSTION Burning can produce carbon monoxide and/or OR DECOMPOSITION PRODUCTS: carbon dioxide.

HAZARDOUS POLYMERIZATION - MAY OCCUR - WILL NOT OCCUR- X

CONDITIONS TO AVOID: Alkali (such as caustic soda) can cause condensation reactions to occur, but the reactions are not expected to be violent.

VI. HEALTH HAZARD DATA

TLV AND SOURCE: 750 ppm, ACGIH (1984-85); OSHA CFR 29, 1910.1000, Table Z-1.

*** ACUTE EFFECTS OF OVEREXPOSURE ***

INGESTION(SWALLOWING): Nausea, vomiting, headache, dizziness, stupor.

INHALATION: Headache, dizziness, nausea, vomiting. Vapors may irritate eyes, nose, and throat.

SKIN ABSORPTION: None currently known.

SKIN CONTACT: No immediate irritation. Repeated contact causes defatting and skin chapping.

EYE: Will cause irritation.

CHRONIC EFFECTS OF OVEREXPOSURE: None currently known.

OTHER HEALTH HAZARDS: None currently known.

*** EMERGENCY AND FIRST AID PROCEDURES ***

SWALLOWING: DO NOT induce vomiting. Call a physician.

SKIN: Flush with water.

INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. Call a physician.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

NOTES TO PHYSICIAN: Aspirated acetone may cause severe lung damage and present a significant hazard. Stomach contents should be evacuated quickly in a manner which avoids aspiration. Otherwise, treatment is directed at the control of symptoms and the clinical condition. No specific antidote is known.

PRODUCT: ACETONE

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VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Extinguish and do not turn on any ignition source until area is determined to be free from explosion or fire hazards. Collect large spills for disposal. Flush small spills with water.

WASTE DISPOSAL METHOD: Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Self-contained breathing apparatus in high concentrations.

VENTILATION: This product should be confined within covered equipment, in which case general (mechanical) room ventilation is expected to be satisfactory. Special, local ventilation is needed at points where vapors can be expected to escape to the air.

PROTECTION GLOVES: Rubber

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: Eye bath, safety shower

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks, and open flame. Avoid breathing vapor. Avoid contact with eyes. Do not take internally. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. FOR INDUSTRY USE ONLY. TRY USE ONLY.

OTHER PRECAUTIONS: None

The opinions expressed herein are those of qualified experts within Technical Petroleum Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and those opinions and the conditions of use of the product are not within the control of Technical Petroleum Company, it is the user's obligation to determine the conditions of safe use of the product.

MATERIAL SAFETY DATA SHEET
TECHNICAL PETROLEUM COMPANY
6233 N. Pulaski Road - Chicago, IL. 60646

PRODUCT NAME: ISOPROPANOL ANHYDROUS

Emergency Telephone#: 800/424-9300
Information Telephone#: 312/463-5200

Revision Date: 11/85
Product Number: 37900

I. IDENTIFICATION

CHEMICAL NAME: Isopropyl Alcohol CHEMICAL FAMILY: Alcohols
FORMULA: $(CH_3)_2CHOH$ MOLECULAR WEIGHT: 60.10
SYNONYMS: Isopropyl Alcohol; 2-Propanol; Dimethyl Carbinol
DEPT. OF HAZARD CLASSIFICATION: Flammable Liquid
TRANSPORTATION/ SHIPPING NAME: Isopropanol
CHEMICAL ABSTRACT REGISTRY NUMBER: 67-63-0
CHEMICAL ABSTRACT NAME: 2-Propanol
IDENTIFICATION NUMBER: UN 1219
H.M.I.S. RATINGS: 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe
HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0

II. PHYSICAL DATA

BOILING POINT, 760 mm Hg: 82.26 C. (180.07 F.)
FREEZING POINT: -88.5 C. (-127.3 F.)
SPECIFIC GRAVITY (H₂O = 1): 0.7864 at 20/20 C.
VAPOR PRESSURE at 20C: 33 mm Hg
VAPOR DENSITY (air = 1): 2.07
SOLUBILITY IN WATER, % by wt.: at 20 C., Complete
PERCENT VOLATILES BY VOLUME: 100
EVAPORATION RATE (Butyl Acetate = 1): 2.88
WEIGHT PER GALLON: 6.55 lbs.
APPEARANCE AND ODOR: Colorless liquid; characteristic odor.

III. HAZARDOUS INGREDIENTS

| MATERIAL | % | ILLU(Units) | HAZARD |
|-------------|-----|-------------|-------------------------|
| Isopropanol | 100 | 400 ppm | Eye irritant, flammable |

IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMIT IN AIR % BY VOLUME: LOWER - 2.0
UPPER - 12.7 at 200 F.
FLASH POINT (TEST METHOD): 53 F., Tag Closed Cup; ASTM D 56
63 F., Tag Open Cup, ASTM D 1310
EXTINGUISHING MEDIA: Use water spray, carbon dioxide, dry chemical,
alcohol-type or universal-type foams applied by manufacturers
recommended techniques.
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should use self-
contained breathing apparatus and wear protective clothing.
UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors form from this product and
may travel or be moved by air currents and ignited by pilot lights,
other flames, smoking, sparks, heaters, electrical equipment, static
discharges, or other ignition sources at locations distant from
handling point.

PRODUCT: ISOPROPANOL ANHYDROUS

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V. REACTIVITY DATA

STABILITY: STABLE-- X UNSTABLE--
CONDITIONS TO AVOID: Heat, fire, ignition sources.
INCOMPATIBILITY (MATERIALS TO AVOID): Concentrated nitric or sulfuric acids, strong oxidizers, aldehydes, halogens, and halogen compounds.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Burning can produce carbon monoxide and/or carbon dioxide.
HAZARDOUS POLYMERIZATION: MAY OCCUR-- WILL NOT OCCUR-- X
CONDITIONS TO AVOID: None.

VI. HEALTH HAZARD DATA

TLV AND SOURCE: 400 ppm: ACGIH 1984-85; OSHA 29 CFR, para. 1910.1000. Table Z-1.

* ACUTE EFFECTS OF OVEREXPOSURE *

INGESTION(SWALLOWING): Slightly toxic. Ingestion of a large quantity may cause drowsiness and loss of consciousness. Stomach cramps, pain, nausea, vomiting, and diarrhea may also occur.

INHALATION: Low concentrations may cause mild irritation of eyes, nose and throat. Concentrations above the TLV may result in headache and drowsiness.

SKIN: Prolonged contact may cause drying and cracking of skin.

SKIN ABSORPTION: None currently known.

EYE: Causes slight to moderate irritation, with possible corneal injury.

CHRONIC EFFECTS OF OVEREXPOSURE: None currently known.

OTHER HEALTH HAZARDS: None currently known.

* EMERGENCY AND FIRST AID PROCEDURES *

SWALLOWING: Give two glasses of water and induce vomiting. If a significant quantity has been swallowed, get medical attention promptly.

SKIN: Remove contaminated clothing and flush skin with water.

INHALATION: Remove to fresh air. If breathing stops, give artificial respiration and get medical attention as soon as possible.

EYES: Flush eyes immediately with large quantities of water. Get medical attention.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of over-exposure should be directed at the control of symptoms and the clinical condition.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Extinguish and do not turn on any ignition source until area is determined to be free from explosion or fire hazards. Collect large spills for disposal. Flush small spills with water.

WASTE DISPOSAL METHOD: Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations. See Section IX.

PRODUCT: ISOPROPANOL ANHYDROUS

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VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Self-contained breathing apparatus in high concentrations.

VENTILATION: This product should be confined within closed equipment, in which case (mechanical) room ventilation should be suitable.

Special, local ventilation may be needed at points where vapors are expected to be vented to the workplace air.

PROTECTIVE GLOVES: Butyl.

EYE PROTECTION: Monogoggles.

OTHER PROTECTIVE EQUIPMENT: Eye bath, safety shower.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks, and open flame. Keep container closed. Use with adequate ventilation. Avoid contact with eyes. Avoid breathing vapors. Wash thoroughly after handling. FOR INDUSTRY USE ONLY.

OTHER PRECAUTIONS: At very low concentrations in water (~ 10 ppm), Isopropanol is readily biodegradable in a biological wastewater treatment plant.

The opinions expressed herein are those of qualified experts within Technical Petroleum Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Technical Petroleum Company, it is the user's obligation to determine the conditions of safe use of the product.

MATERIAL SAFETY DATA SHEET
TECHNICAL PETROLEUM COMPANY
6233 N. Pulaski Road - Chicago, IL. 60646

PRODUCT NAME: KEROSENE

Emergency Telephone#: 800/424-9300
Information Telephone#: 312/463-5200

Revision Date: 11/85
Product Number: 43000

I. IDENTIFICATION

CHEMICAL NAME AND SYNONYMS: Retardsol - DD Kerosene
CHEMICAL FAMILY: Petroleum Hydrocarbon Fraction
FORMULA: N/A
MOLECULAR WEIGHT: N/A
DEPT. OF HAZARD CLASSIFICATION: Combustible Liquid
TRANSPORTATION/ SHIPPING NAME: Kerosene
CHEMICAL ABSTRACT REGISTRY NUMBER: 8008-20-6
IDENTIFICATION NUMBER: UN 1223
H.M.I.S. RATINGS: 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe
HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

II. PHYSICAL DATA

BOILING POINT RANGE: 354 - 525 F.
FREEZING POINT: N/A
SPECIFIC GRAVITY (H2O = 1): .808
VAPOR PRESSURE: 0.4 mmHg @ 68 F.
VAPOR DENSITY(air=1): 5.0
SOLUBILITY IN WATER, % by wt.: Negligible
PERCENT VOLATILES BY VOLUME: 100
EVAPORATION RATE: N/A
WEIGHT PER GALLON: 6.70 lbs.
APPEARANCE AND ODOR: Clear and typical.

III. HAZARDOUS INGREDIENTS

| MATERIAL | % | TLV(Units) | HAZARD |
|----------|-----|------------|--|
| Solvents | 100 | 100 | Generally accepted as "relatively non-toxic" |

IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMIT IN AIR % BY VOLUME: LOWER- 1.0 UPPER- 8.0
FLASH POINT (TEST METHOD): 130 F., Tag Closed Cup
EXTINGUISHING MEDIA: Use foam, CO2, or dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as a extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.
UNUSUAL FIRE & EXPLOSION HAZARDS: Keep work areas free of hot metal surfaces and other sources of ignition.

PRODUCT: KEROSENE

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V. REACTIVITY DATA

STABILITY: STABLE-- X UNSTABLE--

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): This product is incompatible with strong oxidizing agents, strong acids or bases and selected amines.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: MAY OCCUR-- WILL NOT OCCUR-- X

CONDITIONS TO AVOID: None

VI. HEALTH HAZARD DATA

TLV AND SOURCE: 100

* ACUTE EFFECTS OF OVEREXPOSURE *

INGESTION(SWALLOWING): See First Aid Procedures

INHALATION: See First Aid Procedures

SKIN: This product may cause skin irritation upon prolonged or repeated contact

EYE: This product may be an eye irritant.

SYSTEMIC EFFECTS: Various studies have shown a possible association with exposure to this product and the following: Respiratory tract irritation; central nervous system depression in high concentrations

* EMERGENCY AND FIRST AID PROCEDURES *

SWALLOWING: If this product is swallowed, DO NOT induce vomiting.

Seek immediate medical advice and/or attention.

SKIN: If this product comes in contact with the skin, wash with soap and large quantities of water. Seek medical attention if irritation from contact persists.

INHALATION: If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

EYES: If this product comes in contact with the eyes, flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

NOTES TO PHYSICIAN: See above.

VII. SPILL OR LEAK PROCEDURES

(HIGHWAY OR RAILWAY SPILLS: CALL CHEMTREC 800/424-9300)

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Keep sources of ignition and hot metal surfaces isolated from the spill. Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbant.

REPORTABLE QUANTITY: Notify Coast Guard National Response Center;

Phone No. 800/424-8802, if Spill is Greater than --- lbs. (Kilograms)

WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state, and federal regulations.

PRODUCT: KEROSENE

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VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): The use of respiratory protection depends on vapor concentration above the time-weighted TLV; use a NIOSH approved cartridge respirator or gas mask.

VENTILATION: General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory masks or environmental containment devices, may be required in extreme cases.

PROTECTIVE GLOVES: The use of impermeable gloves is advised to prevent skin irritation in sensitive individuals.

EYE PROTECTION: Safety glasses, chemical goggles and/or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

OTHER PROTECTIVE EQUIPMENT: Impermeable aprons are advised when working with this product. The availability of eye washes and safety showers in work areas is recommended.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. (See Section VIII)

OTHER PRECAUTIONS: Personnel should avoid inhalation of vapors. (See Section III, V, VI, VII) Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected areas with water. (See Sections VI, VII, VIII)

WARNING STATEMENT: Caution Combustible. DO NOT induce vomiting if swallowed. FOR INDUSTRIAL USE ONLY.

WE ARE UNABLE TO MAKE ANY STATEMENT ABOUT ANY PRODUCT CONTAINING NO POLYNUCLEAR AROMATICS AT THIS TIME. HOWEVER, THE BOILING RANGE OF PNA IS BETWEEN 700 F. AND 900 F. WHICH WOULD ELIMINATE PRODUCTS BELOW THAT RANGE REQUIRING CARCINOGENIC LABELING.

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